

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 57   | 725/48.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 09:39 |
| S2    | 247  | 725/119.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 10:18 |
| S3    | 142  | 725/120.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 10:34 |
| S4    | 960  | "725".clas. and (relay retransmit\$4)<br>and (signal\$3 near5 conver\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 10:36 |
| S5    | 567  | "725".clas. and (relay retransmit\$4)<br>and (signal\$3 near5 conver\$4) and<br>(cable CATV) and satellite | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 10:37 |
| S6    | 567  | "725".clas. and (relay retransmit\$4)<br>and (signal\$3 near5 conver\$4) and<br>(cable CATV) and satellite | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 11:02 |
| S7    | 2    | "5883677".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/29 11:02 |

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| S8  | 52    | ("4305101"   "4329684"   "4621259"<br>  "4706121"   "4751578"  <br>"4787063"   "4847696"   "4879611"<br>  "4908713"   "4963994"  <br>"4977455"   "5099319"   "5151789"<br>  "5166911"   "5179439"  <br>"5195134"   "5212553"   "5412416"<br>  "5416508"   "5483278"  <br>"5517254"   "5532754"   "5550576"<br>  "5559548"   "5684525"  <br>"5694176"   "5699125").PN. OR<br>("5883677").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/06/29 11:02 |
| S9  | 52    | 725/149.ccls. and (relay<br>retransmit\$)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/29 14:09 |
| S10 | 13017 | hughes.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/29 14:09 |
| S11 | 24284 | hughes.as. directv.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/29 14:10 |
| S12 | 98    | directv.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/29 14:10 |
| S13 | 22    | echostar.as. dishnetwork.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/29 14:10 |
| S14 | 17    | ("4885803"   "5521631"   "5572517"<br>  "5708961"   "5787335"  <br>"5805806"   "5835128"   "5905941"<br>  "5905942"   "5936660"  <br>"6038425"   "6104908"   "6134419"<br>  "6147714"   "6192399"  <br>"6486907").PN. OR ("6622307").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/06/29 14:15 |
| S15 | 197   | 725/143.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/06/29 14:26 |

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| S16 | 262   | 725/38.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 16:20 |
| S17 | 1     | "6567982".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 15:44 |
| S18 | 1     | "5818438".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 15:44 |
| S19 | 3503  | "725".clas. and ((multiple plurality)<br>near5 (source\$1 provider\$1<br>service\$1 broadcast\$1))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 16:22 |
| S20 | 1678  | "725".clas. and ((multiple plurality)<br>near5 (source\$1 provider\$1<br>service\$1 broadcast\$1)) and<br>switch\$4 and convert\$4                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 16:22 |
| S21 | 0     | "725".clas. and ((multiple plurality)<br>near5 (source\$1 provider\$1<br>service\$1 broadcast\$1)) and<br>switch\$4 and convert\$4 and (parallel<br>adj to adj serial) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 16:23 |
| S22 | 0     | "725".clas. and ((multiple plurality)<br>near5 (source\$1 provider\$1<br>service\$1 broadcast\$1)) and<br>switch\$4 and convert\$4 and<br>(parallel adj to adj serial) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/29 16:23 |
| S23 | 177   | "725".clas. and ((multiple plurality)<br>near5 (source\$1 provider\$1<br>service\$1 broadcast\$1)) and<br>switch\$4 and convert\$4 and<br>(parallel near5 serial)      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/30 10:14 |
| S24 | 0     | ("2005/0086694").URPN.   | USPAT                        | OR | ON | 2005/06/29 18:03 |
| S25 | 0     | ("2004/0261112").URPN.   | USPAT                        | OR | ON | 2005/06/29 18:03 |
| S26 | 0     | ("2004/0255326").URPN.   | USPAT                        | OR | ON | 2005/06/29 18:03 |
| S27 | 0     | ("2004/0250273").URPN.   | USPAT                        | OR | ON | 2005/06/29 18:03 |
| S28 | 10401 | ((RF (radio adj frequency)) near5<br>switch\$4) same (television tv<br>broadcast signal source)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/30 10:26 |
| S29 | 717   | ((RF (radio adj frequency)) near5<br>switch\$4) same (television tv<br>broadcast signal source) and ("725".<br>clas. "348".clas.)                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/30 11:03 |
| S30 | 19794 | ((RF (radio adj frequency) television<br>tv broadcast signal source) near5<br>switch\$4)and ("725".clas. "348".<br>clas.)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/30 11:03 |

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| S31 | 19794  | ((RF (radio adj frequency) television tv broadcast signal source) near5 switch\$4) and ("725".clas. "348". clas.)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/06/30 11:04 |
| S32 | 147384 | ((RF (radio adj frequency) television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) ("725".clas. "348".clas. )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:06 |
| S33 | 15281  | ((RF (radio adj frequency) television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) and ("725".clas. "348". clas.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:06 |
| S34 | 8990   | ((RF (radio adj frequency) television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) and ("725".clas. "348". clas.) and ((signal\$4 source) near5 conver\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:14 |
| S35 | 6330   | ((RF (radio adj frequency) television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) and ("725".clas. "348". clas.) and ((signal\$4 source) near5 conver\$5) and (receiver decoder (set adj top) stt stb std ird relay retransmi\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:16 |
| S36 | 6288   | ((television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) and ("725".clas. "348".clas.) and ((signal\$4 source) near5 conver\$5) and (receiver decoder (set adj top) stt stb std ird relay retransmi\$5)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:17 |
| S37 | 1647   | ((television tv broadcast\$4 signal\$4 source) near5 switch\$4) and (television tv broadcast\$4) and ("725".clas.) and ((signal\$4 source) near5 conver\$5) and (receiver decoder (set adj top) stt stb std ird relay retransmi\$5)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:18 |
| S38 | 199    | ((television tv broadcast\$4 signal\$4 source) near5 switch\$4) and ("725". clas.) and ((signal\$4 source) near5 conver\$5) and (receiver decoder (set adj top) stt stb std ird relay retransmi\$5) and (parallel with serial)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 11:19 |

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| S39 | 2   | "5883677".pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 17:02 |
| S40 | 2   | "20020039393".pn.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 17:02 |
| S41 | 0   | "Hylton.in"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 11:06 |
| S42 | 234 | Hylton.in.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 11:07 |
| S43 | 5   | Hylton.in. and "725".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 11:14 |
| S44 | 9   | Kitamura.in. and "725".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 11:17 |
| S45 | 79  | ("5708961").URPN.            | USPAT   | OR | ON | 2005/07/01 11:41 |
| S46 | 3   | ("6188871").URPN.            | USPAT   | OR | ON | 2005/07/01 11:43 |
| S47 | 125 | 725/118.ccls.                | USPAT   | OR | ON | 2005/07/01 11:43 |
| S48 | 256 | 725/118.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 13:13 |
| S49 | 112 | 725/82.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 13:23 |

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| S50 | 162    | 725/80.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 16:04 |
| S51 | 9      | "super transport stream"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 16:04 |
| S52 | 152720 | (multiple plurality several ((more greater) near3 one)) with (receiver decoder (set adj top) stt std stb ird)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 19:20 |
| S53 | 15640  | (power near5 switch\$4) same (receiver decoder (set adj top) stt std stb ird)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 19:21 |
| S54 | 213    | S52 and S53 and "725".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01 19:21 |
| S55 | 78377  | (power voltage) same (signal near5 (switch\$4 select\$4)) and (receiver decoder (set adj top) settop stt stb std ird demodulator)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:03 |
| S56 | 4862   | (power voltage) same (signal near5 (switch\$4 select\$4)) and (receiver decoder (set adj top) settop stt stb std ird demodulator) and ("725". clas. "348".clas.)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:04 |
| S57 | 5921   | (power voltage current) same (signal near5 (switch\$4 select\$4)) and (receiver decoder (set adj top) settop stt stb std ird demodulator) and ("725".clas. "348".clas.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:04 |

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| S58 | 2618 | (power voltage current) same<br>(signal near5 (switch\$4 select\$4))<br>same(receiver decoder (set adj top)<br>settop stt stb std ird demodulator)<br>and ("725".clas. "348".clas.)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:04 |
| S59 | 2618 | (power voltage current) same<br>(signal near5 (switch\$4 select\$4))<br>same (receiver decoder (set adj top)<br>settop stt stb std ird demodulator)<br>and ("725".clas. "348".clas.)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:04 |
| S60 | 2618 | ((power voltage current) same<br>(signal near5 (switch\$4 select\$4)))<br>same (receiver decoder (set adj top)<br>settop stt stb std ird demodulator))<br>and ("725".clas. "348".clas.)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 10:05 |
| S61 | 624  | ((power voltage current) same<br>(signal near5 (switch\$4 select\$4)))<br>same (receiver decoder (set adj top)<br>settop stt stb std ird demodulator)<br>same (ON OFF)) and ("725".clas.<br>"348".clas.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 15:41 |
| S62 | 2    | "5708961".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 15:50 |
| S63 | 1043 | menard.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 15:51 |
| S64 | 4    | menard.in. and "725".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 16:43 |
| S65 | 88   | (power) same ((on off) near6 tuner)<br>and ("725".clas. "348".clas.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 16:52 |

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| S66 | 78    | (power) with ((on off) near6 tuner) and ("725".clas. "348".clas.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 16:55 |
| S67 | 255   | (power) with ((on off) near6 tuner)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 16:56 |
| S68 | 30    | (power) with ((on off) near6 tuner) and ((dual multiple plurality) near3 tuner)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:00 |
| S69 | 15    | (power) same ((on off) near6 tuner) same (tuner near5 switch\$4) and ((dual multiple plurality) near3 tuner) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:04 |
| S70 | 78    | (power) with ((on off) near6 (tuner receiver decoder demodulator)) same (tuner near5 switch\$4)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:13 |
| S71 | 20062 | (tuner receiver decoder demodulator) same (signal adj select\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:15 |
| S72 | 738   | S71 and "725".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:15 |
| S73 | 1855  | (tuner receiver decoder demodulator) same (signal adj select\$4) same power                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:15 |



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| S74 | 3867  | (tuner receiver decoder demodulator) same (signal adj select\$4) same (power voltage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:16 |
| S75 | 61    | S74 and "725".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:20 |
| S76 | 12943 | ((multipl\$5 plural\$4 several two) near5 (tuner receiver demodulator decoder)) same (controller microcontroller microcomputer CPU)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:22 |
| S77 | 1878  | ((multipl\$5 plural\$4 several two) near5 (tuner receiver demodulator decoder)) same (controller microcontroller microcomputer CPU) same (power voltage)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 17:22 |
| S78 | 95    | ((multipl\$5 plural\$4 several two) near5 (tuner receiver demodulator decoder)) same (controller microcontroller microcomputer CPU) same (power voltage) and ("725". clas. "348".clas.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 18:10 |
| S79 | 8     | ("5696978"   "5808693"   "5854618"   "6115033"   "6404423"   "6473078"   "6515716").PN. OR ("6593975").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/07/05 18:09 |
| S80 | 432   | 345/212.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/07/05 18:09 |
| S81 | 35    | ((multipl\$5 plural\$4 several two) near5 (tuner receiver demodulator decoder)) same (controller microcontroller microcomputer CPU) same (power voltage) and "345". clas.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 18:15 |
| S82 | 2     | "5285284".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/05 18:15 |

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| S83 | 29 | ("3639840"   "4238773"   "4270212"<br>  "4682234"   "4729028"  <br>"5045948").PN. OR ("5285284").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/07/05 18:15 |
| S84 | 2  | "20020039393".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/06 12:41 |